

ABSTRACT OF THE DISCLOSURE

A by-product elimination device used in a power generation system includes a fuel pack provided with a fuel charged portion having a power generation fluid 5 fuel containing hydrogen, and a power generation module which detachably attached to the fuel pack, the module including a reforming portion which transforms the power generation fuel supplied from the charged portion into first gas containing hydrogen gas and carbon dioxide, and a fuel cell which generates an electrical 10 energy by using the hydrogen gas. The device includes an absorbent charged portion which selectively absorbs carbon dioxide contained in the first gas and feeds second gas whose carbon dioxide concentration is 15 lowered by the first gas to the fuel cell.

CONFIDENTIAL